

WHAT IS CLAIMED IS:

- 5
1. A method comprising:
entering a key value in a first field of a template displayed on a display
screen of a monitor coupled to an FSO computer system;
entering a database identifier in a second field of the template displayed on
the display screen; and
storing the entered key value and the database identifier in a first memory
coupled to the FSO computer system;
10 wherein the key value is configured to access the database identifier in the
first memory, wherein the database identifier is configured to access a first
database coupled to the FSO computer system.
- 15
2. The method of claim 1, wherein the first field of the template corresponds
to a key definition, wherein the first field of the template comprises one or
more key fields, wherein entering the key value comprises entering key field
values in the one or more key fields.
- 20
3. The method of claim 2, further comprising defining the key definition,
wherein the defining the key definition comprises:
displaying one or more data elements on the display screen;
selecting one or more data elements from the displayed one or more data
elements, wherein the selected data elements correspond to the key fields in
the key definition; and
25 storing the key definition in a second memory.
4. The method of claim 1, further comprising storing information that defines
a relationship between the first database and a first database identifier.

5. The method of claim 1, wherein the first database is a relational database.

6. The method of claim 1, wherein the FSO computer system comprises a second database, wherein the second database comprises the first memory.

7. The method of claim 6, wherein the first memory comprises a table in the second database.

8. The method of claim 3, wherein the FSO computer system comprises a second database, wherein the second database comprises the second memory.

9. The method of claim 8, wherein the second memory comprises a table in the second database.

10. The method of claim 3, wherein a portion of the one or more data elements comprise monitoring parameters.

11. In a computer system configured to read processing data contained in any one of a plurality of databases, wherein the processing data is used in processing financial service organization (FSO) transaction related data, a method comprising:

adding a first database to the plurality of databases;

displaying a template on a display screen of a monitor in data communication with the computer system, wherein the template comprises fields configured to receive data entered by a user;

entering a first key value in a first field of the template;

entering a first database identifier in a second field of the template, wherein the first key value corresponds to the first database identifier, wherein the first database identifier identifies the first database;

25

- carrier medium comprising program instructions are executable by a computer system for displaying a key value in a first field of a monitor coupled to an FSO computer system, wherein a database identifier in a second field of the display screen; and
- program instructions for displaying the entered key value and the database identifier to the FSO computer system; wherein the key value is configured to be stored in memory, wherein the database identifier is coupled to the FSO computer system.
2. The carrier medium of claim 14, wherein the key value corresponds to a key definition, wherein the key definition defines one or more key fields, wherein the key field values in the one or more key fields.
3. The carrier medium of claim 14, wherein the program instructions are executable by the computer system for displaying one or more data elements, wherein defining the key definition includes selecting one or more data elements from the data elements, wherein the selected data elements are used in the key definition; and
4. The carrier medium of claim 14, wherein the program instructions are executable by the computer system for displaying the key definition in a second field of the display screen.
5. The carrier medium of claim 14, wherein the program instructions are executable by the computer system for displaying the key definition in a second field of the display screen.

that defines a relationship between the first database and a first database identifier.

- 5 18. The carrier medium of claim 14, wherein the first database is a relational database.
- 10 19. The carrier medium of claim 14, wherein the FSO computer system comprises a second database, wherein the second database comprises the first memory.
20. The carrier medium of claim 19, wherein the first memory comprises a table in the second database.
- 15 21. The carrier medium of claim 17, wherein the FSO computer system comprises a second database, wherein the second database comprises the second memory.
22. The carrier medium of claim 21, wherein the second memory comprises a table in the second database.
- 20 23. The carrier medium of claim 16, wherein a portion of the one or more data elements comprise monitoring parameters.
- 25 24. A carrier medium comprising program instructions, wherein the program instructions are executable by a computer system to implement:
 adding a first database to the plurality of databases;
 displaying a template on a display screen of a monitor in data communication with the computer system, wherein the template comprises fields configured to receive data entered by a user;

entering a first key value in a first field of the template;
entering a first database identifier in a second field of the template,
wherein the first key value corresponds to the first database identifier, wherein
the first database identifier identifies the first database;

5 storing the template entered first key value and corresponding first
database identifier in a memory;

wherein the computer system is configured to access a database of the
plurality of databases, wherein the database is identified by a database
identifier, wherein the computer system is configured to generate the first key
10 value in response to the computer system receiving FSO related transaction
data, wherein the computer system is configured to read the first database
identifier stored in the memory in response to the computer system accessing
the memory using the generated first key value, wherein computer system is
configured to compare the first database identifier with the database identifier,
15 and wherein the computer system is configured to access the first database in
response to the computer system determining that the database identifier does
not compare equally to the first database identifier read from the memory.

25. The carrier medium of claim 24, wherein the program instructions are
20 further executable by the computer system to implement: creating a key
definition, wherein the computer system is configured to generate the first key
value as a function of the key definition.

26. The carrier medium of claim 25, wherein each FSO transaction related
25 data comprises a plurality of data elements, wherein the creating the key
definition comprises:

displaying a list of data field representations on the monitor display,
wherein each data field representation corresponds to a respective field of
FSO transaction related data;

a user selecting a plurality of data field representations displayed on the monitor, and;
storing the selected data field representations in memory.

- 5 27. A system comprising:
 a computer program;
 an FSO computer system;
 wherein the computer program is executable on the FSO computer system to execute:
10 entering a key value in a first field of a template displayed on a display screen of a monitor coupled to the FSO computer system;
 entering a database identifier in a second field of the template displayed on the display screen; and
 storing the entered key value and the database identifier in a first memory
15 coupled to the FSO computer system;
 wherein the key value is configured to access the database identifier in the first memory, wherein the database identifier is configured to access a first database coupled to the FSO computer system.
- 20 28. The system of claim 27, wherein the first field of the template corresponds to a key definition, wherein the first field of the template comprises one or more key fields, wherein entering the key value comprises entering key field values in the one or more key fields.
- 25 29. The system of claim 28, wherein the computer program is further executable on the FSO computer system to execute: defining the key definition, wherein the defining the key definition comprises:
 displaying one or more data elements on the display screen;

selecting one or more data elements from the displayed one or more data elements, wherein the selected data elements correspond to the key fields in the key definition; and

storing the key definition in a second memory.

5

30. The system of claim 27, wherein the computer program is further executable on the FSO computer system to execute: storing information that defines a relationship between the first database and a first database identifier.

10

31. The system of claim 27, wherein the first database is a relational database.

32. The system of claim 27, wherein the FSO computer system comprises a second database, wherein the second database comprises the first memory.

15

33. The system of claim 32, wherein the first memory comprises a table in the second database.

34. The system of claim 29, wherein the FSO computer system comprises a second database, wherein the second database comprises the second memory.

20

35. The system of claim 34, wherein the second memory comprises a table in the second database.

36. The method of claim 29, wherein a portion of the one or more data elements comprise monitoring parameters.

25

37. A system comprising:
a computer program;
an computer system;

wherein the computer program is executable on the computer system to execute:

adding a first database to a plurality of databases;

displaying a template on a display screen of a monitor in data

5 communication with the computer system, wherein the template comprises fields configured to receive data entered by a user;

entering a first key value in a first field of the template;

entering a first database identifier in a second field of the template,

10 wherein the first key value corresponds to the first database identifier, wherein the first database identifier identifies the first database;

storing the template entered first key value and corresponding first database identifier in a memory;

15 wherein the computer system is configured to access a database of the plurality of databases, wherein the database is identified by a database identifier, wherein the computer system is configured to generate the first key value in response to the computer system receiving FSO related transaction data, wherein the computer system is configured to read the first database identifier stored in the memory in response to the computer system accessing the memory using the generated first key value, wherein computer system is
20 configured to compare the first database identifier with the database identifier, and wherein the computer system is configured to access the first database in response to the computer system determining that the database identifier does not compare equally to the first database identifier read from the memory.

25 38. The system of claim 37, wherein the computer program is further executable on the computer system to execute: creating a key definition, wherein the computer system is configured to generate the first key value as a function of the key definition.

39. The system of claim 38, wherein each FSO transaction related data comprises a plurality of data elements, wherein the creating the key definition comprises:

5 displaying a list of data field representations on the monitor display,
wherein each data field representation corresponds to a respective field of FSO transaction related data;
a user selecting a plurality of data field representations displayed on the monitor; and
storing the selected data field representations in memory.

10

0042307-7206550